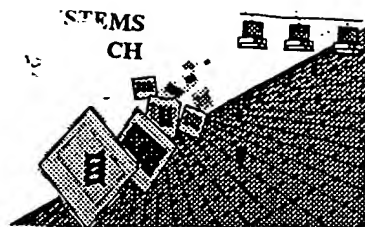


PC709

## CRF Problem Report



The Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 09/674,743  
Filing Date: 11/2/2000  
Date Processed by STIC: 8/2/02

STIC Contact: Mark Spencer, 703-308-4212

### Nature of Problem:

The CRF (was):

- ☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)  
☐ Blank (no files on CRF) (see attached)  
☐ Empty file (filename present, but no bytes in file) (see attached)  
☐ Virus-infected. Virus name: \_\_\_\_\_ The STIC will not process the CRF.  
☐ Not saved in ASCII text  
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.  
☐ Did not contain a Sequence Listing. (see attached sample)  
☐ Other: \_\_\_\_\_

**PLEASE USE THE CHECKER VERSION 3.1 PROGRAM TO REDUCE ERRORS.  
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/efc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

#9



pt/09

## RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:21

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.  
 5 HILLMAN, Jennifer L.  
 6 BANDMAN, Olga  
 7 LAL, Preeti  
 8 YUE, Henry  
 9 REDDY, Roopa  
 10 TANG, Y. Tom  
 11 GERSTIN, Edward H.  
 12 PATTERSON, Chandra  
 13 BAUGHN, Mariah R.  
 14 AZIMZAI, Yalda  
 15 LU, Dyung Aina M.  
 17 <120> TITLE OF INVENTION: HUMAN TRANSCRIPTIONAL REGULATOR MOLECULES  
 19 <130> FILE REFERENCE: PF-0509 PCT  
 C--> 21 <140> CURRENT APPLICATION NUMBER: US/09/674,743A  
 C--> 22 <141> CURRENT FILING DATE: 2002-08-26  
 24 <150> PRIOR APPLICATION NUMBER: 60/084,254; 60/095,827; 60/102,745  
 W--> 25 <151> PRIOR FILING DATE: 1998-05-05; 1998-08-07; 1998-10-02  
 27 <160> NUMBER OF SEQ ID NOS: 130  
 29 <170> SOFTWARE: PERL Program  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 155  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Homo sapiens  
 36 <220> FEATURE:  
 37 <221> NAME/KEY: misc\_feature  
 38 <223> OTHER INFORMATION: Incyte clone 001106CD1  
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 45 Pro Ala Gly Arg Pro Cys Ser Gly Arg Thr Arg His Arg Ala Leu  
 46 35 40 45  
 47 His Arg Arg Leu Val Ala Cys Val Thr Val Ser Ser Arg Arg His  
 48 50 55 60  
 49 Arg Lys Glu Ala Gly Arg Gly Arg Ala Glu Ser Phe Ile Ala Val  
 50 65 70 75  
 51 Gly Met Ala Ala Pro Ser Met Lys Glu Arg Gln Val Cys Trp Gly  
 52 80 85 90  
 53 Ala Arg Asp Glu Tyr Trp Lys Cys Leu Asp Glu Asn Leu Glu Asp  
 54 95 100 105  
 55 Ala Ser Gln Cys Lys Lys Leu Arg Ser Ser Phe Glu Ser Ser Cys

pp6-7

ENTERED

## RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:21

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

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61 Thr Thr Ala Lys Ser
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72 <223> OTHER INFORMATION: Incyte clone 004586CD1
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79 Lys Ile Tyr Lys Glu Ile Glu Cys Ser Ile Ala Gly Ala His Glu
80          35          40          45
81 Lys Ile Ala Glu Cys Lys Lys Gln Ile Leu Gln Ala Lys Arg Ile
82          50          55          60
83 Arg Lys Asn Arg Gln Glu Tyr Asp Ala Leu Ala Lys Val Ile Gln
84          65          70          75
85 His His Pro Asp Arg His Glu Thr Leu Lys Glu Leu Glu Ala Leu
86          80          85          90
87 Gly Lys Glu Leu Glu His Leu Ser His Ile Lys Glu Ser Val Glu
88          95          100         105
89 Asp Lys Leu Glu Leu Arg Arg Lys Gln Phe His Val Leu Leu Ser
90          110         115         120
91 Thr Ile His Glu Leu Gln Gln Thr Leu Glu Asn Asp Glu Lys Leu
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113          20          25          30
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## RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:21

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Output Set: N:\CRF3\08262002\I674743A.raw

115	35	40	45
116	Ile Glu Glu Val Thr Asp Asp Ser Ser Phe Leu Gly Gly Gly Gly		
117	50	55	60
118	Ser Arg Ile Asp Asn Thr Thr Thr Thr His Phe Ala Glu Leu Trp		
119	65	70	75
120	Gly His Leu Asp His Thr Met Phe Phe Gln Asp Phe Arg Pro Phe		
121	80	85	90
122	Leu Ser Ser Ser Pro Leu Asp Gln Asp Asn Arg Ala Asn Glu Arg		
123	95	100	105
124	Gly His Gln Thr His Thr Asp Phe Trp Gly Ala Arg Pro Pro Arg		
125	110	115	120
126	Leu Pro Leu Gly Arg Arg Tyr Arg Ser Arg Gly Ser Ser Arg Pro		
127	125	130	135
128	Asp Arg Ser Pro Ala Ile Glu Gly Ile Leu Gln His Ile Phe Ala		
129	140	145	150
130	Gly Phe Phe Ala Asn Ser Ala Ile Pro Gly Ser Pro His Pro Phe		
131	155	160	165
132	Ser Trp Ser Gly Met Leu His Ser Asn Pro Gly Asp Tyr Ala Trp		
133	170	175	180
134	Gly Gln Thr Gly Leu Asp Ala Ile Val Thr Gln Leu Leu Gly Gln		
135	185	190	195
136	Leu Glu Asn Thr Gly Pro Pro Pro Ala Asp Lys Glu Lys Ile Thr		
137	200	205	210
138	Ser Leu Pro Thr Val Thr Val Thr Gln Glu Gln Val Asp Met Gly		
139	215	220	225
140	Leu Glu Cys Pro Val Cys Lys Glu Asp Tyr Thr Val Glu Glu Glu		
141	230	235	240
142	Val Arg Gln Leu Pro Cys Asn His Phe Phe His Ser Ser Cys Ile		
143	245	250	255
144	Val Pro Trp Leu Glu Leu His Asp Thr Cys Pro Val Cys Arg Lys		
145	260	265	270
146	Ser Leu Asn Gly Glu Asp Ser Thr Arg Gln Ser Gln Ser Thr Glu		
147	275	280	285
148	Ala Ser Ala Ser Asn Arg Phe Ser Asn Asp Ser Gln Leu His Asp		
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150	Arg Trp Thr Phe		
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166	1 5 10 15		
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168	20 25 30		
169	Ala Pro Arg Ile Glu Cys Ser His Ile Arg His Ala Trp Asp His		

## RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:21

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

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171 Ala Lys Ser Val Arg Gln Asn Leu Ala Glu Met Gly Leu Ala Val
172          50          55          60
173 Asp Pro Asn Arg Ala Val Pro Leu Arg Lys Arg Lys Val Lys Ala
174          65          70          75
175 Met Glu Val Asp Ile Glu Glu Arg Pro Lys Glu Leu Val Arg Lys
176          80          85          90
177 Pro Tyr Val Leu Asn Asp Leu Glu Ala Glu Ala Ser Leu Pro Glu
178          95         100         105
179 Lys Lys Gly Asn Thr Leu Ser Arg Asp Leu Ile Asp Tyr Val Arg
180         110         115         120
181 Tyr Met Val Glu Asn His Gly Glu Asp Tyr Lys Ala Met Ala Arg
182         125         130         135
183 Asp Glu Lys Asn Tyr Tyr Gln Asp Thr Pro Lys Gln Ile Arg Ser
184         140         145         150
185 Lys Ile Asn Val Tyr Lys Arg Phe Tyr Pro Ala Glu Trp Gln Asp
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187 Phe Leu Asp Ser Leu Gln Lys Arg Lys Met Glu Val Glu
188         170         175
191 <210> SEQ ID NO: 5
192 <211> LENGTH: 301
193 <212> TYPE: PRT
194 <213> ORGANISM: Homo sapiens
196 <220> FEATURE:
197 <221> NAME/KEY: misc_feature
198 <223> OTHER INFORMATION: Incyte clone 322349CD1
200 <400> SEQUENCE: 5
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203 Val Gly Ala Trp Leu Lys Leu Gly Asn Gly Gln Ala Thr Ser Met
204          20          25          30
205 Val Gln Leu Gln Gly Gly Arg Phe Leu Met Gly Thr Asn Ser Pro
206          35          40          45
207 Asp Ser Arg Asp Gly Glu Gly Pro Val Arg Glu Ala Thr Val Lys
208          50          55          60
209 Pro Phe Ala Ile Asp Ile Phe Pro Val Thr Asn Lys Asp Phe Arg
210          65          70          75
211 Asp Phe Val Arg Glu Lys Lys Tyr Arg Thr Glu Ala Glu Met Phe
212          80          85          90
213 Gly Trp Ser Phe Val Phe Glu Asp Phe Val Ser Asp Glu Leu Arg
214          95         100         105
215 Asn Lys Ala Thr Gln Pro Met Lys Ser Val Leu Trp Trp Leu Pro
216         110         115         120
217 Val Glu Lys Ala Phe Trp Arg Gln Pro Ala Gly Pro Gly Ser Gly
218         125         130         135
219 Ile Arg Glu Arg Leu Glu His Pro Val Leu His Val Ser Trp Asn
220         140         145         150
221 Asp Ala Arg Ala Tyr Cys Ala Trp Arg Gly Lys Arg Leu Pro Thr
222         155         160         165

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## RAW SEQUENCE LISTING

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:21

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

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224      170      175      180
225 Val Tyr Pro Trp Gly Asn Trp Phe Gln Pro Asn Arg Thr Asn Leu
226      185      190      195
227 Trp Gln Gly Lys Phe Pro Lys Gly Asp Lys Ala Glu Asp Gly Phe
228      200      205      210
229 His Gly Val Ser Pro Val Asn Ala Phe Pro Ala Gln Asn Asn Tyr
230      215      220      225
231 Gly Leu Tyr Asp Leu Leu Gly Asn Val Trp Glu Trp Thr Ala Ser
232      230      235      240
233 Pro Tyr Gln Ala Ala Glu Gln Asp Met Arg Val Leu Arg Gly Ala
234      245      250      255
235 Ser Trp Ile Asp Thr Ala Asp Gly Ser Ala Asn His Arg Ala Arg
236      260      265      270
237 Val Thr Thr Arg Met Gly Asn Thr Pro Asp Ser Ala Ser Asp Asn
238      275      280      285
239 Leu Gly Phe Arg Cys Ala Ala Asp Ala Gly Arg Pro Pro Gly Glu
240      290      295      300
241 Leu
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247 <211> LENGTH: 250
248 <212> TYPE: PRT
249 <213> ORGANISM: Homo sapiens
251 <220> FEATURE:
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253 <223> OTHER INFORMATION: Incyte clone 397663CD1
255 <400> SEQUENCE: 6
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257   1      5      10      15
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259      20      25      30
260 Asn Ser Pro Leu Cys Pro Asn Trp Gln Val Phe Pro Leu Val Arg
261      35      40      45
262 Pro His Arg Gln Ser Arg Gln Leu Gln Val Pro Glu Pro Ile Gln
263      50      55      60
264 Ala Gly Gly Pro Ser Cys Gly His His Ser Pro Trp Arg Leu Phe
265      65      70      75
266 Leu Pro Gln Arg Lys Ser Gln Val Ser Arg Gly Gly Arg Leu Ala
267      80      85      90
268 Cys Leu Leu Ser Tyr Ala Gly Leu Ser Gly Asp Asp Pro Asp Leu
269      95     100     105
270 Gly Pro Ala His Val Val Thr Val Ile Ala Arg Gln Arg Gly Asp
271     110     115     120
272 Gln Leu Val Pro Phe Ser Thr Lys Ser Gly Asp Thr Leu Leu Leu
273     125     130     135
274 Leu His His Gly Asp Phe Ser Ala Glu Glu Val Phe His Arg Glu
275     140     145     150
276 Leu Arg Ser Asn Ser Met Lys Thr Trp Gly Leu Arg Ala Ala Gly
277     155     160     165

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VARIABLE LOCATION SUMMARY

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:23

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:23; Xaa Pos. 335

Seq#:38; Xaa Pos. 12,57

Seq#:67; N Pos. 1022,1023,1024,1028,1034,1036,1038,1039,1041,1049,1052,1053

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Seq#:68; N Pos. 1460,1461,1462,1463,1464,1475,1502,1510,1535,1550,1554,1562

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Seq#:73; N Pos. 12,15,17,1675,1687,1702,1709,1712,1715,1717,1722,1732,1733

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Seq#:77; N Pos. 1106,1112,1137,1164,1165,1168,1171,1173,1181,1187,1190,1191

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Seq#:77; N Pos. 1311

Seq#:78; N Pos. 1057

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VARIABLE LOCATION SUMMARY

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:23

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Output Set: N:\CRF3\08262002\I674743A.raw

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/674,743A

DATE: 08/26/2002

TIME: 14:30:23

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L:21 M:270 C: Current Application Number differs, Replaced Current Application Number  
 L:22 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:25 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
 L:106 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3  
 L:300 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7  
 L:364 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8  
 L:431 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:10  
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 L:802 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:17  
 L:1053 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:21  
 L:1137 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:22  
 L:1271 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23  
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 L:2093 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:37  
 L:2125 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:38  
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 L:2135 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:38  
 L:2135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:45  
 L:2532 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:44  
 L:2608 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:46  
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 L:3196 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:57  
 L:3618 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:64  
 L:3759 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67  
 L:3759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1020  
 L:3760 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:67  
 L:3760 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1080  
 L:3797 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68  
 L:3797 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1440  
 L:3798 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68  
 L:3798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1500  
 L:3799 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68  
 L:3799 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1560  
 L:3800 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:68  
 L:3800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:1620  
 L:4032 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73  
 L:4032 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0  
 L:4059 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73  
 L:4059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1620  
 L:4060 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73  
 L:4060 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1680  
 L:4061 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:73  
 L:4061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:1740  
 L:4071 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:74

## VERIFICATION SUMMARY

DATE: 08/26/2002

PATENT APPLICATION: US/09/674,743A

TIME: 14:30:23

Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

L:4212 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77  
L:4212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1080  
L:4213 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77  
L:4213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1140  
L:4214 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77  
L:4214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1200  
L:4215 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:77  
L:4215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:1260  
L:4246 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:78  
L:4246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:1020  
L:4256 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:79  
L:4357 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:81  
L:4357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:1260  
L:4358 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:81  
L:4358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:1320  
L:4367 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:82  
L:4393 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:4393 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1320  
L:4394 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:4394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1380  
L:4395 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:4395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1440  
L:4396 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:4396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1500  
L:4397 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:82  
L:4397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:1560  
L:4406 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:83  
L:4463 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:84  
L:4504 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:2220  
L:4505 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:2280  
L:4527 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3600  
L:4528 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4528 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3660  
L:4529 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3720  
L:4530 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4530 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3780  
L:4531 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4531 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3840  
L:4532 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84  
L:4532 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:3900  
L:4620 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:87  
L:4699 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:88  
L:4699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:1380  
L:4811 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:91  
L:4882 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:92

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Input Set : A:\pf0509usn\_seqlist.txt

Output Set: N:\CRF3\08262002\I674743A.raw

L:5006 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:95  
L:5079 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:97  
L:5146 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:98  
L:5188 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:98  
L:5188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:2280  
L:5202 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:0  
L:5203 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:60  
L:5204 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:120  
L:5205 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:180  
L:5206 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:240  
L:5207 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:99  
L:5207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:99 after pos.:300  
L:5368 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103  
L:5368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0  
L:5369 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103  
L:5369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:60  
L:5372 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:103  
L:5372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:240  
L:5476 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:105  
L:5584 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:108  
L:5657 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:109  
L:5717 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110  
L:5717 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:1920  
L:5719 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110  
L:5719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:2040  
L:5720 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:110  
L:5720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:110 after pos.:2100  
L:5818 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:113  
L:5830 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:113  
L:5830 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:480  
L:6090 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:120  
L:6140 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:121  
L:6223 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:123  
L:6223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:0  
L:6224 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:123  
L:6224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123 after pos.:60  
L:6348 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:126  
L:6405 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:127